



Maricopa County greengovernmentprogram



Maricopa County's significant population growth is historic and well-known. After adding approximately one million people in the 1990s, the County will again add another one million people in the first decade of this century. With a current population approaching four million and long-term projections showing the population nearly doubling again in less than 40 years, it is clear that strategies to help maintain a vibrant quality of life will be even more important in the future.

An important part of these strategies will be maintaining a healthy and sustainable environment. Recognizing the relationship between a healthy environment and the County's long-term success, the Maricopa County Board of Supervisors directed County departments to prepare and implement a long-term strategy whereby the County will reduce its carbon footprint, help save money, and enhance the region's environment. Several months of collaboration and coordination between its departments and community stakeholders has resulted in a new and innovative plan known as the Maricopa County Green Government Program.

2010
Maricopa County
Board of Supervisors



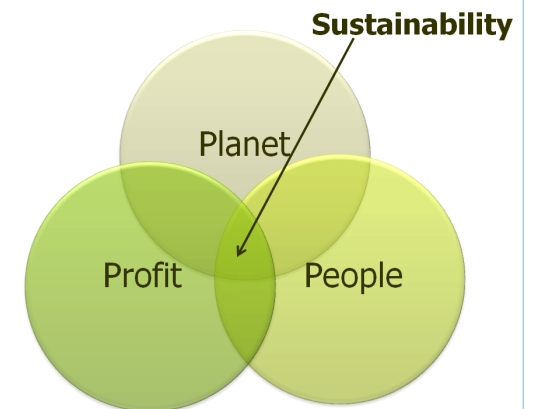
Maricopa County understands that we have a responsibility to our residents both current and future to be a leader in sustainability.

-Chairman Don Stapley

The Board of Supervisors recognizes the impacts that significant growth will continue to have on the region's environment. The Board of Supervisors also recognizes that it can and should be a regional leader in maintaining a healthy and sustainable community.

Leadership is a fundamental part of the Green Government Program because the identified actions will be implemented by County departments to demonstrate that environmental stewardship and cost savings can be achieved. This "Lead by Example" approach directs County departments to implement identified actions to help improve the region's air quality; improve water quality and quantity; increase material reuse and recycling; reduce energy use; make better informed decisions about efficient, economical, and environmentally sensitive land use and development patterns; and build long-lasting partnerships with the broader community.

While sustainability is often a misunderstood cliché, it's most commonly identified when environmental, economic, and social benefits overlap to achieve a positive outcome. Although achieving sustainability is difficult, Maricopa County believes the Green Government Program is an important step in a long-term approach to advance regional sustainability.



Acknowledgments

The Green Government Program was a multi-departmental effort steered by exceptional leadership from the Board of Supervisors and County Manager David Smith.

Maricopa County departments include:

Adult Probation

Air Quality

Animal Care and Control

Environmental Services

Equipment Services

Facilities Management

Flood Control District

Human Resources

Library District

Medical Examiner's Office

Parks and Recreation

Planning and Development

Public Health

Public Works Professional Support Services

Solid Waste

Stadium District

Superior Court

Transportation Department



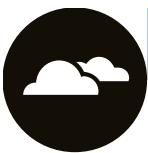
Impact-Icons



The "impact-icons" indicate which tract of sustainability certain measures will improve. Because sustainability is a very expansive issue many measures may blend into more than one impact-icon. This overlap will be indicated in the document by the corresponding impact -icon with the specific measure.

"Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs."

-The Brundtland Commission



air

Air Quality has a profound impact on the health for all Maricopa County residents with the greatest affects on people with respiratory problems and young children. The Maricopa County Green Government Program has identified detailed measures that are being implemented to help improve not only the outdoor air quality but also the air quality within county facilities where employees work and citizens receive services.



Did You Know?

The Maricopa County Air Quality Department has a comprehensive awareness campaign called CleanAirMakeMore.















Action Statement

Improve regional outdoor air quality and improve the air quality indoors within Maricopa County owned and/or managed spaces.

















AIR Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
AP9	<u>Adult Probation</u>	Share workspace and utilize telecommuting.	July 2010	On-Going	 
AQ1	<u>Air Quality Department</u>	Reduce fuel consumption by 10% based on FY 2007-2008 baseline use.	July 2012	Launched	 
AQ3	<u>Air Quality Department</u>	Consistently enforce air quality rules and regulations.	July 2010	On-Going	
AQ4	<u>Air Quality Department</u>	Community outreach on "Clean Air-Make More" campaign, provide training on best management practices for industry, hold six "Brown Bags" throughout the year concerning air quality topics, provide Air Quality personnel to present air quality issues to businesses, schools and organizations throughout the county.	July 2011	Launched	 
AQ6	<u>Air Quality Department</u>	Work with local, county and state lands representatives in developing ordinances for ATV and other activities for public lands.	July 2011	Launched	  
ACC1	<u>Animal Care and Control</u>	Reduce fleet fuel consumption by 10% from baseline of the 2007-2008 FY	July 2011	Launched	 

"The environment is where we all meet; where we all have a mutual interest; it is the one thing that all of us share. It is not only a mirror of ourselves, but a focusing lens on what we can become..."

- Lady Bird Johnson

















AIR Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
ACC3	<u>Animal Care and Control</u>	Conduct a pilot program of working a 4/10 work schedule.	July 2011	Launched	 
ACC5	<u>Animal Care and Control</u>	Implement Geo Code vehicle fleet management to ensure efficient routes for all Field Officers	July 2011	Launched	 
ES3	<u>Environmental Services</u>	Reduce fuel consumption by 10% based on FY 2007-2008 baseline use.	July 2012	Launched	 
EQS1	<u>Equipment Services</u>	Educate all Maricopa County vehicle fleet operators about the Anti-Idle program.	July 2011	Launched	  
EQS3	<u>Equipment Services</u>	Provide written direction on an ongoing basis to county agencies and departments regarding the responsibilities Maricopa County has in relation to the vehicles that the county operates and their impact on the environment.	July 2009	Launched	  
EQS4	<u>Equipment Services</u>	Fuel all diesel fleet vehicles with B20 (or greater) <u>biodiesel</u> .	July 2008	Accomplished	 
















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AIR Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
FMD1	<u>Facilities Management</u>	Have some employees achieve <u>US Green Building Council LEED Accreditation</u>	July 2011	Launched	   
FMD3	<u>Facilities Management</u>	Ensure that all new county buildings utilize a renewable energy source, and/or green power when feasible.	July 2010	On-Going	 
LD1	<u>Library District</u>	Reduce fuel consumption by 10% based on FY 2007-2008 baseline use.	July 2013	Launched	 
LD2	<u>Library District</u>	Construct all future libraries to a minimum of <u>LEED-Certified</u> standards.	July 2010	On-Going	   
LD7	<u>Library District</u>	Install bike racks at all applicable Library District owned/managed facilities.	July 2013	Launched	 
LD8	<u>Library District</u>	Install preferred parking spaces for low-emitting, hybrid, or plug-in electric vehicles for 5% of the total vehicle parking capacity at 100% of county owned/managed sites where applicable.	July 2013	Launched	 















AIR Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
MEO1	<u>Medical Examiner's Office</u>	Require all morgue cleaning supplies possible to be updated to comparable quality "green" cleaning supplies and products where available.	July 2011	Not Started	
MEO2	<u>Medical Examiner's Office</u>	Use alternative meeting capabilities to reduce travel to meetings by staff during their off hours.	July 2010	On-Going	 
PR4	<u>Parks and Recreation</u>	Construct 100% of all new Nature Centers to a minimum of <u>LEED-Certified</u> standards.	July 2010	On-Going	   
PR10	<u>Parks and Recreation</u>	Install preferred parking spaces for low-emitting, hybrid, or plug-in electric vehicles for 5% of the total vehicle parking capacity at 100% of Parks and Recreation owned/managed sites where applicable.	July 2014	Not Started	 
PR11	<u>Parks and Recreation</u>	Install bike racks at all applicable Parks and Recreation owned/managed facilities.	July 2015	Launched	 
PD1	<u>Planning and Development</u>	Implement an optional residential Green Building program.	July 2013	Launched	   





AIR Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
PD13	<u>Planning and Development</u>	Reduce fleet fuel consumption by 20% based on FY 2007-2008 baseline use.	July 2013	Launched	 
PD14	<u>Planning and Development</u>	Implement a system whereby 85% of all applications for change in entitlement will be submitted electronically.	July 2013	Launched	   
PH1	<u>Public Health</u>	Implement a program that increases and expands the use of web and video-conferencing capabilities.	July 2011	Launched	 
PH2	<u>Public Health</u>	Implement a program whereby the Department acquires additional connectivity tools and trains staff on effective use to reduce travel from returning to workstations between appointments.	July 2011	Launched	 
PH7	<u>Public Health</u>	Share workspace and utilize telecommuting.	July 2010	On-Going	 
SD1	<u>Stadium District</u>	Implement a program which encourages staff members to utilize alternative transportation as a means to travel to work generating a minimum of 50% participation.	July 2011	Launched	 

AIR Measures

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SD2	<u>Stadium District</u>	Implement a program for employees to use alternative or compressed work week schedules generating a minimum of 20% participation.	July 2011	Launched	 
SC1	<u>Superior Court</u>	Develop a comprehensive internal curriculum and employee training on "Going Green" and sustainable living.	July 2011	Launched	   
SC3	<u>Superior Court</u>	Collaborate with multiple court departments, using the Judicial Branch newsletter, as well as other interdepartmental modes of communication to promote the Green Government Program, with regular and ongoing news articles and announcements of pertinent Going Green information.	July 2011	On-Going	   
MDOT 1	<u>Transportation</u>	Commit a minimum of \$3 million toward paving a number of low volume dirt roads and shoulders to reduce dust emissions.	July 2010	On-Going	
MDOT 2	<u>Transportation</u>	Apply dust palliative to at least 65 lane miles of roadway shoulders per year, when economically feasible.	July 2010	On-Going	
MDOT 3	<u>Transportation</u>	Stabilize exposed soil surfaces generated during its construction projects. Disturbed soils will receive a native plant mix via hydro-seeding or be given desert xeriscape.	July 2010	On-Going	 

AIR Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
MDOT 4	<u>Transportation</u>	Reduce fuel consumption by 10% based on FY 2007-2008 baseline use.	July 2012	Launched	
MDOT 5	<u>Transportation</u>	Continue to deploy resources, equipment, and personnel to apply water to all dirt road and shoulder surface improvement construction to stem dust emissions and comply with the county's PM-10 dust emission standard.	July 2010	On-Going	
MDOT 6	<u>Transportation</u>	Operations Division will ensure appropriate employees will receive training by Maricopa County Department of Air Quality regarding dust reductions to promote better dust control at MCDOT construction sites and for all maintenance activities.	July 2010	On-Going	
MDOT 7	<u>Transportation</u>	Landscape 100% of new medians, when deemed economically feasible, with native tree plantings and low-maintenance and low-water using native ground cover.	July 2010	On-Going	



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2010-2011